

PTO/SB/21 (09-04)
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U.S Patent and Trademark Office; U.S DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Application Number 10/532,944 Filing Date TRANSMITTAL (Int'l) October 15, 2003 First Named Inventor **FORM** Kevin A. GRAY Art Unit 1642 (to be used for all correspondence after initial filing) Examiner Name Not Yet Assigned Attorney Docket Number 564462003900 Total Number of Pages in This Submission 68 ENCLOSURES (Check all that apply) After Allowance Communication Fee Transmittal Form (1 page plus Drawing(s) to TC duplicate for fee processing) Appeal Communication to Board of Fee Attached Licensing-related Papers Appeals and Interferences Appeal Communication to TC Amendment/Reply (Preliminary Amendment - 30 pages) х Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Extension of Time Request (1 page) Terminal Disclaimer x | Identify below). Copy of Notice to File Missing Parts (3 pages), Request for Refund **Express Abandonment Request** Declaration signed in counter-part - 3 pages); Response to Missing Parts (3 pages); Statement to Support Filing of CD, Number of CD(s) Information Disclosure Statement 1 Sequence Listing (2 pages); Paper copy of Sequence Listing (23 pages); Return Receipt Postcard Certified Copy of Priority Landscape Table on CD Document(s) Reply to Missing Parts/ Remarks Incomplete Application **CUSTOMER NO.: 45975** Reply to Missing Parts under 37 CFR 1.52 or 1 53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name MORRISON & FOERSTER) Signature Printed name Gregory P. Einhorn Date Reg No 38,440 June 21, 2006 I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 743 884 325 US, in an envelope addressed to MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below

Dated June 21, 2006

Signature

(Judy Calem)

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				Filing Date		(Int'I) October		
For FY 2006						Kevin A. GRAY		
X Assistant and						Not Yet Assig	ned	
X Applicant claims small entity status See 37 CFR 1 27				Art Unit 1642				
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METHOD O	F PAYMENT (che	ck all that app	oly)					
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For the	e above-identified de	eposit accoun	t, the Director is	s hereby authori	zed to: (ched	ck all that apply)	
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nature	12/0	1/		Registration No	38,440	Telephone	(858) 72	0-5133
	Cropper	en.		(Attorney/Agent)		 		
ame (Print/Type)	Gregory P. Einh	om				Date	June 21	, 2006



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United States Patent and Trademark Office

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U.S. APPLICATION NUMBER NO.

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

10/532,944

Kevin A Gray

564462003900

INTERNATIONAL APPLICATION NO.

PCT/VS03/33150
NG DATE PRIORITY DATE

10/15/2003

10/31/2002

10/15/200

10/31/2002

CONFIRMATION NO. 2689

371 FORMALITIES LETTER

OC000000018003652*

Date Mailed: 02/23/2006

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12531 HIGH BLUFF DRIVE

SAN DIEGO, CA 92130-2040

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

Indication of Small Entity Status

Copy of the International Application filed on 04/26/2005

Copy of the International Search Report filed on 04/26/2005

• Information Disclosure Statements filed on 04/26/2005

U.S. Basic National Fees filed on 04/26/2005

Priority Documents filed on 04/26/2005

Specification filed on 04/26/2005

Claims filed on 04/26/2005

Abstracts filed on 04/26/2005

Drawings filed on 04/26/2005

Paper nucleotide sequence listings filed on 04/26/2005

DOCKETED: 9

DUE DATE: 스

FINAL DUE DATE

DOCKETED:

DUE DATE:

FINAL DUE DATE:

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of \$6450 as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application
 by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 GFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$6890 for a Small Entity:

- \$65 Surcharge.
 - This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825 (d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821 (e) may be submitted in lieu of a new CRF.
 - A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
 - The specification and drawings contain more than 100 pages. Applicant owes \$375 for 122 pages in excess of 100 pages for a small entity in compliance with 37 CFR 1.27.
- Total additional claim fee(s) for this application is \$ 6450
 - \$200 for 2 independent claims over 3.
 - **≈** \$6250 for 250 total claims over 20.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

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The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

TAMALA D HOLLAND

Telephone: (703) 308-9140 EXT 209

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/532,944	PCT/US03/33150	564462003900

FORM PCT/DO/EO/905 (371 Formalities Notice)

PATENT Docket No. 564462003900

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

Express Mail Label No: EV 743 884 325 US

Date of Deposit: June 21, 2006

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail PostOffice to Addressee" service under 37 C.F.R. § 1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Ouds

Judy Calem

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Kevin A. GRAY et al.

Application No.: 10/532,944

Confirmation No.: 2689

International Filing Date: October 15, 2003

Art Unit: 1642

For: AMYLASES, NUCLEIC ACIDS ENCODING

THEM AND METHODS FOR MAKING AND

USING THEM

Examiner: Not Yet Assigned

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

MAIL STOP PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This is in response to the Notification of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US), mailed February 23, 2006, for which a response is due on April 23, 2006. Filed herewith is a Petition for Extension of Time for two months, thereby extending the deadline for response to June 23, 2006. Accordingly, this response is timely filed.

Please enter the following Sequence Listing and remarks.

sd-305716

PCT/INCICATION TO THE PCT

In the Sequence Listing:

Please insert the attached paper copy of the Sequence Listing (pages 1-23) after the Abstract in the above-mentioned application. A computer readable form copy (labeled "CRF") of the Sequence Listing accompanies this response.

REMARKS

The undersigned hereby states that the computer readable form copy (labeled "CRF") of the Sequence Listing and the paper copy of the Sequence Listing (pages 1-23), submitted in accordance with 37 C.F.R. § 1.825(a) and (b), respectively, are the same and contain no new matter. Accordingly, entry of the Sequence Listing into the above-captioned case is respectfully requested.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 564462003900. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

By:

Date: June 21, 2006

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Gregory P. Einhorn Registration No. 38,440

Respectfully submitted

Morrison & Foerster LLP 12531 High Bluff Dr.,

Suite 100

San Diego, CA 92130-2040 Telephone: (858) 720-5133 Facsimile: (858) 720-5125